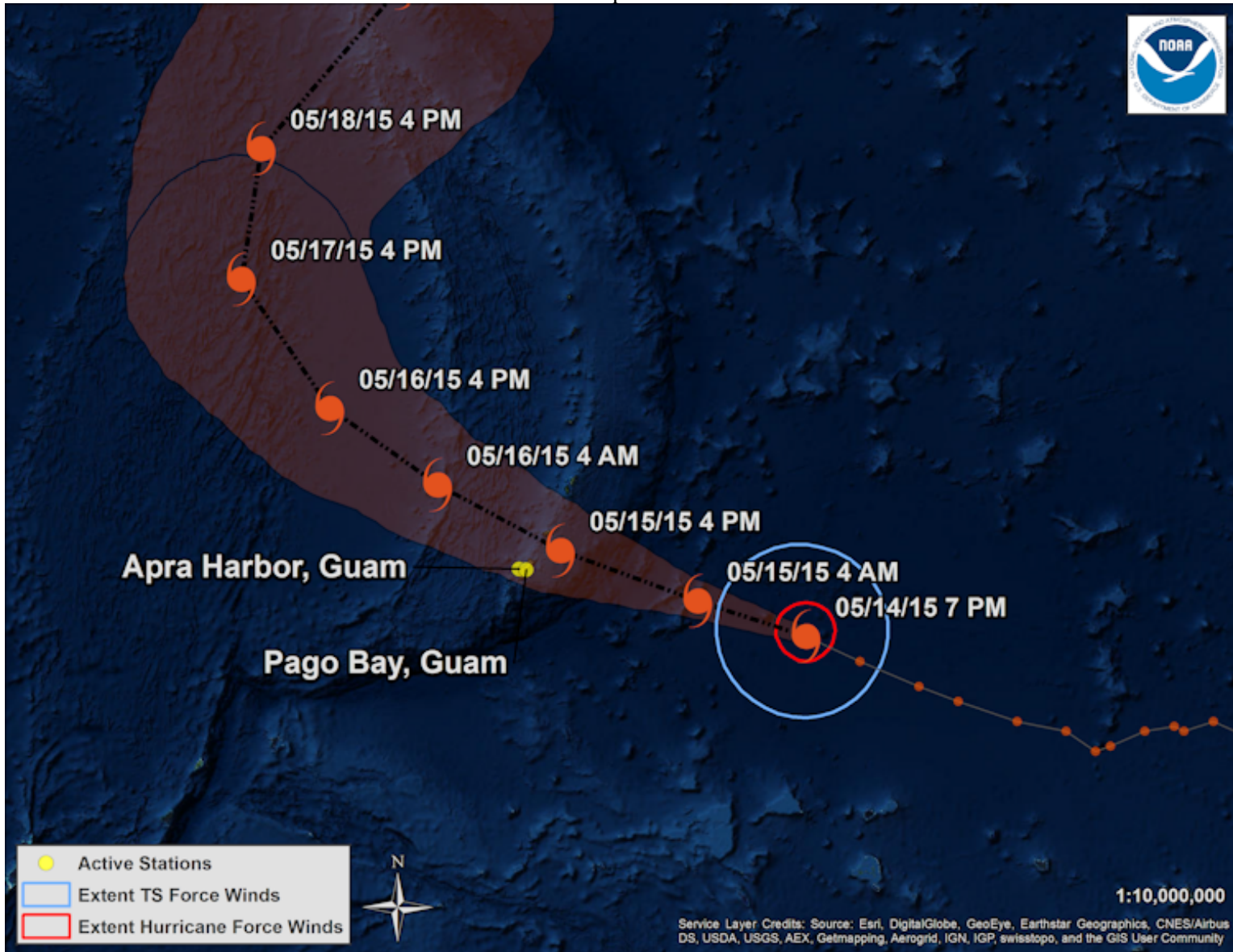




Typhoon DOLPHIN QuickLook
Posted: 20:00 ChST 05/14/2015

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 5/14/15 20:00 ChST, water levels on the island of Guam continue to be elevated. Water levels at Pago Bay measure about 0.4 feet above normal tide levels and water levels at Apra Harbor are presently about 1.0 feet above tidal predictions. Winds at Apra Harbor are increasing and range between 15 and 20 knots with slightly higher gusts. Winds at Pago Bay are a little weaker falling between 5-10 knots. Barometric pressure continues to slowly decrease.

Typhoon DOLPHIN QuickLook, POSTED 20:00 ChST 05/14/2015

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst:PFF

SELECT NATIONAL WEATHER SERVICE WFO GUAM ADVISORY INFORMATION:

BULLETIN

TYPHOON DOLPHIN (07W) ADVISORY NUMBER 31

NATIONAL WEATHER SERVICE TIYAN GU WP072015

800 PM CHST THU MAY 14 2015

...TYPHOON DOLPHIN MAINTAINING WEST-NORTHWEST MOVEMENT TOWARD THE MARIANAS...

WATCHES AND WARNINGS

A TYPHOON WARNING REMAINS IN EFFECT FOR GUAM AND ROTA. TYPHOON CONDITIONS...INCLUDING WINDS OF 74 MPH OR MORE...ARE EXPECTED WITHIN 24 HOURS.

A TROPICAL STORM WARNING AND TYPHOON WATCH REMAIN IN EFFECT FOR TINIAN AND SAIPAN. TROPICAL STORM CONDITIONS...INCLUDING WINDS OF 39 TO 73 MPH...ARE EXPECTED WITHIN 24 HOURS. TYPHOON CONDITIONS ARE POSSIBLE WITHIN 24 HOURS.

SUMMARY OF 700 PM CHST...0900 UTC...INFORMATION

MAXIMUM SUSTAINED WINDS...105 MPH

PRESENT MOVEMENT...WEST-NORTHWEST...295 DEGREES AT 15 MPH.

DISCUSSION AND OUTLOOK

AT 700 PM CHST...0900 UTC...THE CENTER OF TYPHOON DOLPHIN WAS LOCATED ABOUT 400 MILES EAST-SOUTHEAST OF GUAM. DOLPHIN IS MOVING WEST-NORTHWEST AT 15 MPH...AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE THROUGH SATURDAY. THIS FORECAST TRACK TAKES TYPHOON DOLPHIN THROUGH THE MARIANA ISLANDS BETWEEN GUAM AND ROTA FRIDAY AFTERNOON AND EVENING...BUT REMEMBER THAT SMALL VARIATIONS IN THE DIRECTION OF MOTION CAN RESULT IN LARGE VARIATIONS IN WHERE THE CENTER PASSES

THROUGH THE MARIANAS.

MAXIMUM SUSTAINED WINDS REMAIN NEAR 105 MPH...BUT TYPHOON DOLPHIN IS EXPECTED TO INTENSIFY SLOWLY OVER THE NEXT COUPLE OF DAYS. TYPHOON FORCE WINDS EXTEND OUTWARD UP TO 30 MILES FROM THE CENTER. TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES ALONG THE NORTHERN SEMICIRCLE...AND UP TO 90 MILES ELSEWHERE. THESE WIND RADII ARE SLIGHTLY REDUCED FROM THE JTWC ESTIMATES BASED ON LATEST SATELLITE IMAGERY.

NEXT ADVISORY

AN INTERMEDIATE ADVISORY WILL BE ISSUED BY THE NATIONAL WEATHER SERVICE AT 1100 PM LATER THIS EVENING...FOLLOWED BY THE NEXT SCHEDULED ADVISORY AT 200 AM FRIDAY MORNING.

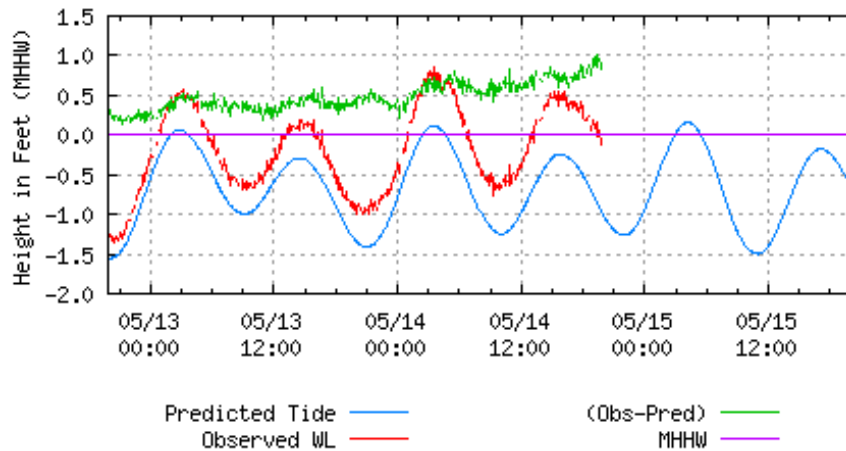
W. AYDLETT/EDSON

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#), [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#)

Typhoon DOLPHIN QuickLook, POSTED 20:00 ChST 05/14/2015

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



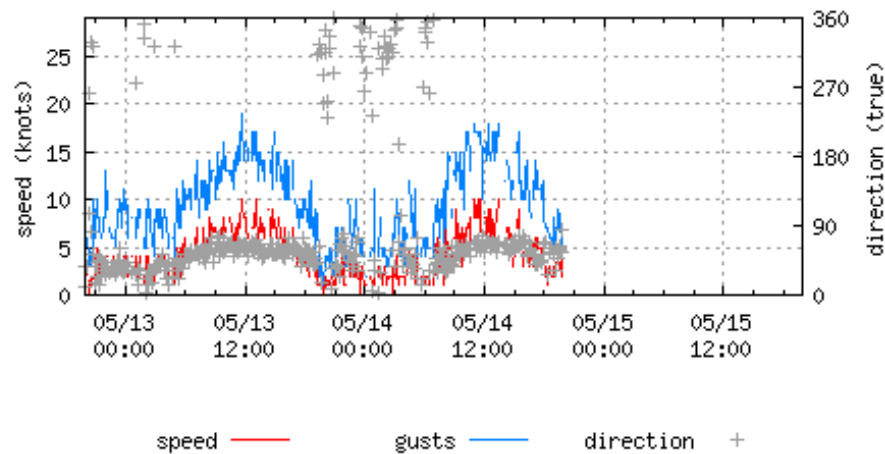
Last Observed Sample: 05/14/2015 19:48 (ChST). Data relative to MHHW

Observed: -0.13 ft. Predicted: -0.97 ft. Residual: 0.84 ft.

Historical Maximum Water Level: Oct 20 2004, 2.40 ft.

Next High Tide: 05/15/2015 04:09 (ChST), 0.16 ft.

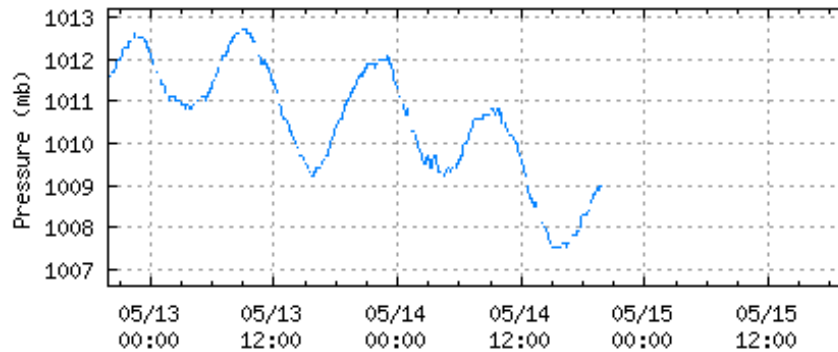
NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam
Wind Speed / Gusts / Direction



Last Observed Sample: 05/14/2015 19:48 (ChST)

Wind Speed: 4 knots Gusts: 7 knots Direction: 55° T

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam
Barometric Pressure

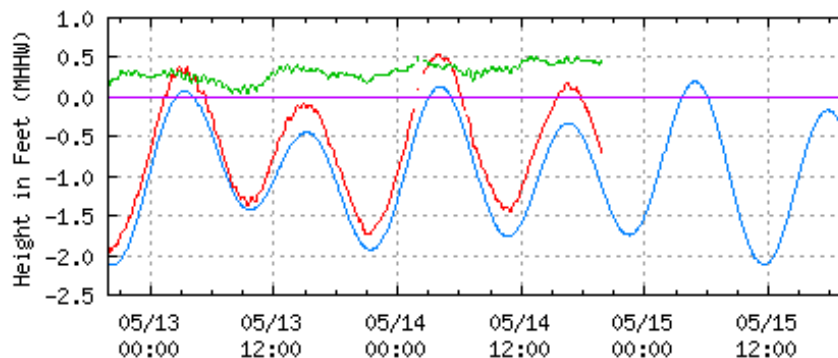


barometric pressure —

Last Observed Sample: 05/14/2015 19:48 (ChST)

Barometric Pressure: 1009.0 mb

NOAA/NOS/CO-OPS 1630000 Apra Harbor, Guam
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —
Observed WL —

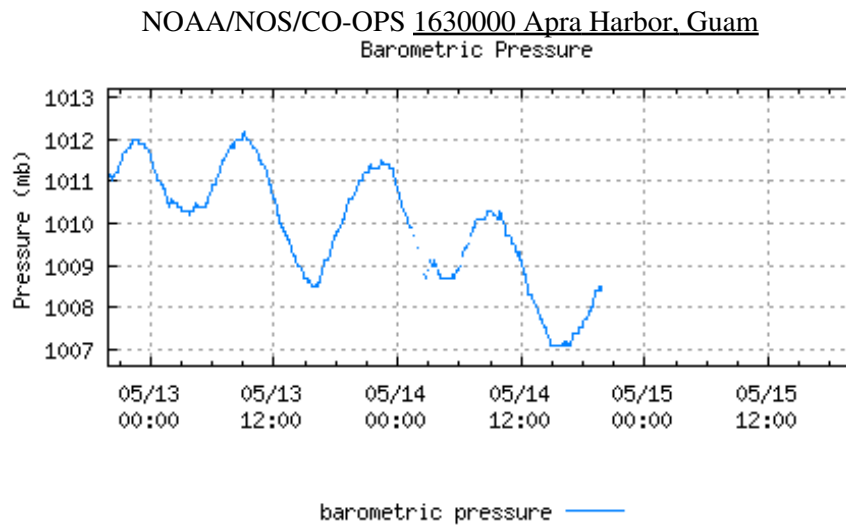
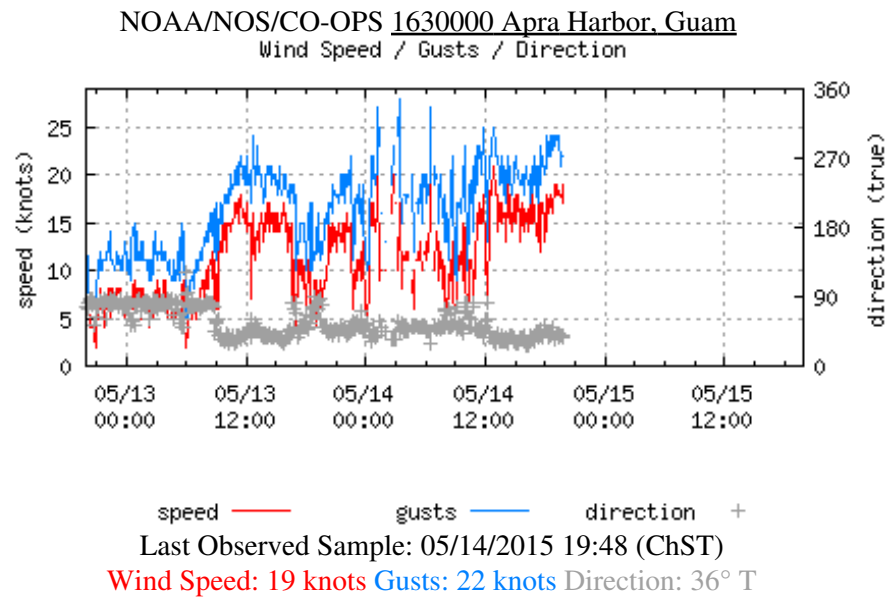
(Obs-Pred) —
MHHW —

Last Observed Sample: 05/14/2015 19:48 (ChST). Data relative to MHHW

Observed: -0.69 ft. Predicted: -1.14 ft. Residual: 0.45 ft.

Historical Maximum Water Level: Aug 28 1992, 1.95 ft.

Next High Tide: 05/15/2015 04:51 (ChST), 0.19 ft.



Last Observed Sample: 05/14/2015 19:48 (ChST)
Barometric Pressure: 1008.4 mb

Typhoon DOLPHIN QuickLook, POSTED 20:00 ChST 05/14/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1631428	Pago Bay, Guam	05/14/2015 19:48 (ChST)	-0.13 ft	-0.97 ft	0.84 ft	0.86 ft
1630000	Apra Harbor, Guam	05/14/2015 19:48 (ChST)	-0.69 ft	-1.14 ft	0.45 ft	0.53 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce